

ABSTRACT

The present invention provides a plate for mass spectrometry comprising a support and a PVDF-containing coating (that is, a PVDF-deposited thin layer) thereon, and a method of 5 preparing a plate for mass spectrometry, which comprises coating the support surface with PVDF. The present invention also provides a method of analyte identification comprising subjecting an analyte-containing sample to gel electrophoresis to separate the analyte, blotting the separated analyte from the 10 gel to the above-described plate for mass spectrometry, and subjecting the plate to mass spectrometry, whereby the transferred analyte is analyzed.